

# COMPOSITE DISK CLAMP ASSEMBLY FOR REDUCED CURVATURE AND COST

## ABSTRACT

A composite ring for coupling a disk to a spindle includes a upper layer constructed of a material having a hardness at least as hard as a primary material of the disk. A lower layer is fixedly coupled to the upper layer and constructed of a material having similar properties to that of the disk, the properties being selected from a group consisting of a coefficient of thermal expansion and Young's modulus.